



## AGENDA

Program Chairs: *Csilla Krausz, MD, PhD and Jacques Tremblay, PhD*

All sessions will be located in Independence West unless otherwise noted.

### SATURDAY, MARCH 29, 2025

7:00 am – 7:45 pm	Registration/Information Desk Open <i>Independence Foyer</i>
4:00 pm – 9:30 pm	Exhibits Open <i>Independence Foyer</i>
8:30 am – 2:30 pm	<b>ASA BASIC SCIENCE WORKSHOP</b> (Additional Registration Fee) (*not CME Accredited) “Expand Your Research and Network Horizons“ <i>Lafayette/Farragut</i>
9:00 am – 4:30 pm	<b>ASA ANDROLOGY LAB WORKSHOP</b> (Additional Registration Fee) (*not CME Accredited) “Automation vs. Manual Testing: Choices for Clinical Andrology and Embryology Laboratories” <i>Declaration A-B</i>
9:15 am – 2:45 pm	<b>PRE-CONGRESS ISA/ICMC/ASA WORKSHOP</b> (Additional Registration Fee) (*not CME Accredited) “Male Reproductive Health: From Conception to Contraception” <i>Independence FGH</i>
3:00 pm – 4:30 pm	Poster Flash Talks <i>Moderators: Anett Szabó, MD – Hungary Karine de Mattos, PhD - USA</i>
3:00 pm	Poster 105: Hyperresponsiveness to Clomiphene Citrate after Anabolic Androgenic Steroid Use <i>Matheus Freire, MD</i>
3:03 pm	Poster 106: Optimizing Body Growth and Testicular Function Treatment for Adult Growth Hormone Deficiency Men <i>Hung Nguyen, MD</i>
3:06 pm	Poster 112: Perceived Stress in Relation to Testicular Function Markers Among Men Attending a Fertility Center <i>Akshay Reddy, MD</i>
3:09 pm	Poster 249: Usefulness of Penile Duplex-Doppler Ultrasound in the Correct Assessment and Treatment of Post Prostate Cancer Treatment Erectile Dysfunction <i>Lucas Vasconcelos Sanvido, MD</i>
3:12 pm	Poster 122: WHICH-A.R.T., A Clinical Assay to Assess Sperm Fertilization Capacity in Patients Undergoing Infertility Treatments <i>Juan Ferreira, PhD</i>
3:15 pm	Poster 212: Impact of Exposure to Ambient Heat on Sperm DNA Methylation among Men from an Infertility Treatment Population <i>Carrie Nobles, MPH, PhD</i>
3:18 pm	Poster 207: Effect of Mono-(2-ethylhexyl) Phthalate (MEHP) Exposure on Macrophage Metabolic Phenotypes and Inflammatory Responses <i>Allison Lunney</i>
3:21 pm	Poster 133: Seasonal Variation in Semen Quality in sub-Saharan Africa <i>Lionel MOUNGALA, PhD</i>
3:24 pm	Poster 135: Super-resolution Imaging Reveals PKA Localization in Mouse Sperm During Capacitation <i>Arturo Matamoros Volante, PhD</i>
3:27 pm	Poster 148: Changes in IIEF, PEDT and Orgasmometer Scores According to Attachment Styles as Measured by the Relationship Questionnaire <i>Andrea Sansone, MD, PhD</i>
3:30 pm	Poster 162: Potential Role for the Small GTPase Rac1 as a Metabolic State Transducer in the Testis of <i>Drosophila melanogaster</i> and its Impact on Male Fertility <i>Nadia Edelsztein, PhD</i>
3:33 pm	Poster 163: Transcriptomic Profiling Reveals Role of KCTD13 In Cryptorchidism <i>Anukriti Singh, PhD</i>
3:36 pm	Poster 166: The Effect of Age of Immature Mice on the Development of Different Stages of Spermatogenesis In Vitro Using 3-dimension In Vitro Culture System <i>Mahmoud Huleihel, PhD</i>
3:39 pm	Poster 170: Significance of Ultrasonographic Testicular Volume Measuring in Infertile Men Investigation <i>Veljko Pantovic, MD</i>
3:42 pm	Poster 204: Sexual Complaints in Misuse and Abuse of Anabolic-Androgenic Steroids <i>Matheus Freire, MD</i>
3:45 pm	Poster 205: FSH Analogues as Key Factor to Accelerate Anabolic-Steroid Induced Male Infertility Recovery <i>Matheus Freire, MD</i>



## AGENDA

Program Chairs: *Csilla Krausz, MD, PhD* and *Jacques Tremblay, PhD*

All sessions will be located in Independence West unless otherwise noted.

### SATURDAY, MARCH 29, 2025 (continued)

3:48 pm	Poster 208: Pumpkin Seed Oil ( <i>Cucurbita</i> sp.) Granulate on the Process of Benign Prostatic Hyperplasia <i>Thiago Teixeira, PhD</i>
3:51 pm	Poster 220: Within-Ejaculate Haploid Selection Reduces Disease Biomarkers in Human Sperm <i>Daniel Marcu, PhD</i>
3:54 pm	Poster 221: Multispectral Flow Cytometry Extends Functional Semen Analysis: An Example for Association of Acrosome Reaction and Sperm DNA Fragmentation <i>Stefan Schlatt, PhD</i>
3:57 pm	Poster 224: Clinical, Seminal, Hormonal and Ultrasound Andrological Parameters Predictive for Pregnancy with a Live Birth <i>Francesco Lotti, MD, PhD</i>
4:00 pm	Poster 262: Cryopreservation of Testes in Novel Cryoprotectant Polymer and Viability Study Comparing Between Liquid Nitrogen and -80°C - <i>Chenchu Nagarakanti, MD</i>
4:03 pm	Poster 227: The Relationship Between Teratozoospermia and the Indices of Chromatin Decondensation and DNA Fragmentation in Semen <i>Othmane Adli, PhD</i>
4:06 pm	Poster 228: A Non-Invasive Diagnostic Assay that Detects Spermatogenic Defects and Single Sperm <i>Rajakumar Anbazhagan, PhD</i>
4:09 pm	Poster 233: The MOBYUS Consortium: A Multi-Institutional Collaboration to Investigate Male Infertility <i>Leila Bushweller, BS</i>
4:12 pm	Poster 244: Efficacy of Penile Lengthening Device (RestoreX) in Peyronie's Disease <i>Parth Manek, MBBS, MS</i>
4:15 pm	Poster 245: Exploring the Role of Parental Care and Overprotection in Predicting Erectile Dysfunction: A Machine Learning Approach <i>Andrea Sansone, MD, PhD</i>
4:18 pm	Poster 156: Clear Cells as Key Modulators of the Epididymal Immune Responses in LPS-Induced Inflammation <i>Maria Battistone, PhD</i>
4:21 pm	Poster 258: Collective Cell Migration in Human Testicular Organoids: Towards a Novel In Vitro Spermatogenesis Culture System <i>Nasrin Ghanami Gashti, PhD</i>
4:24 pm	Poster 266: The Cellular Origins of Activin A in the Adult Rodent Testis: A Re-appraisal <i>Mark Hedger, PhD</i>
4:27 pm	Poster 269: Understanding the Functions of Gsk3 $\alpha$ in the Process of Spermatogenesis <i>Rounak Roy, PhD</i>
<b>5:00 pm – 5:30 pm</b>	<b>Welcome and Opening Remarks</b>
<b>5:00 pm</b>	<b>ASA President</b> <i>John Amory, MD</i>
<b>5:10 pm</b>	<b>ISA President</b> <i>Peter Y. Liu, MBBS, PhD</i>
<b>5:20 pm</b>	<b>Program Chairs</b> <i>Csilla Krausz, MD, PhD</i> and <i>Jacques Tremblay, PhD</i>
<b>5:30 pm – 6:30 pm</b>	<b>EMIL STEINBERGER MEMORIAL LECTURE: Testosterone Treatment of Older Men with Hypogonadism</b> Supported by the Emil Steinberger Endowment Fund <i>Introducer: John Amory, MD - USA; Speaker: Peter J. Snyder, MD - USA</i>
<b>6:30 pm – 7:45 pm</b>	<b>ISA Young Andrologist Award Presentations</b> <i>Moderators: Sue Hammond, PhD – USA; Peter Y. Liu, MBBS, PhD - USA</i>
6:30 pm	Molecular Mechanism Analysis Involved in Mitochondrial Sheath Formation <i>Keisuke Shimada, DVM - Japan</i>
6:40 pm	Molecular Sperm Factors Underlying Fertilization Failure: Genetic Determinants and Mechanisms <i>Zine-Eddine Kherraf, MD, PhD - France</i>



# ASA & ICA 2025 | Washington, D.C. | March 29-April 1

Five Decades of Inspiring Discoveries for Men's Health  
Expanding Andrology Horizons from Gonadal Function to Reproductive, General and Global Health

## AGENDA

Program Chairs: *Csilla Krausz, MD, PhD and Jacques Tremblay, PhD*

All sessions will be located in Independence West unless otherwise noted.

SATURDAY, MARCH 29, 2025 (continued)	
6:50 pm	What Sperm Proteomics Tell Us About Paternal Contribution Beyond Fertilization <i>Judit Castillo, PhD - Spain</i>
7:00 pm	Identification and Characterization of Novel CatSper Inhibitors as Potential Non-Hormonal Male Contraceptives <i>Guillermina Luque, PhD - Argentina</i>
7:10 pm	Introducing the Human Phenotype Ontology into the Field of Non-syndromic Male Infertility <i>Margot Wyrwoll, MD - Germany</i>
7:20 pm	Predictive Approaches for Sperm Retrieval in Non-Obstructive Azoospermia <i>Aris Kaltsas, MD, PhD - Greece</i>
7:30 pm	Life, Sexual Dysfunctions, and Everything <i>Andrea Sansone, MD, PhD - Italy</i>
7:45 pm – 9:30 pm	ASA Welcome Reception <i>Independence Foyer</i>

SUNDAY, MARCH 30, 2025	
6:30 am – 8:00 am	Past President's Breakfast <i>*Invitation only</i>
7:00 am – 7:30 pm	Registration/Information Desk Open <i>Independence Foyer</i>
7:00 am – 3:30 pm	Exhibits Open <i>Independence Foyer</i>
8:00 am – 8:15 am	ASA Distinguished Andrologist Award <i>Supported by the Eugenia Rosemberg Endowment Fund</i> <i>*Not CME Accredited</i> <i>Introducers: Christina Wang, MD - USA and Ronald Swerdloff, MD - USA</i> <i>Recipient: Wei Yan, MD, PhD - USA</i>
8:15 am – 8:30 am	ASA Distinguished Service Award <i>Supported by the ASA Past Presidents Endowment Fund</i> * <i>Not CME Accredited</i> <i>Introducer: Jennifer Hughes, PhD - USA Recipient: Alan B. Diekman, PhD - USA</i>
8:30 am – 10:00 am	<b>SYMPOSIUM 1: Changes in Spermatozoa During Their Post-testicular Journey</b> <i>Independence West</i> <i>Moderators: Daniel Cyr, PhD - Canada Celia Santi, MD, PhD - USA</i>
8:30 am	Cilia as Key Regulators of Male Reproductive Functions and Fertility <i>Clémence Belleannée, PhD - Canada</i>
9:00 am	Dynamic Changes in the Sperm Flagellum During Fertilization <i>Mariano G. Buffone, PhD - Argentina</i>
9:30 am	Oral Abstract #1: Alterations in Sphingosine and Ceramide Induce Oxidative Stress During Human Sperm Capacitation <i>Steven Serafine - Canada</i>
9:45 am	Oral Abstract #2: BSA-Induced Calcium Influx Triggers Early sAC Activation and cAMP Signaling Pathways in Mouse Sperm Capacitation <i>Guillermina Luque, PhD - Argentina</i>
8:30 am – 10:00 am	<b>SYMPOSIUM 2: Paternal Impact on Offspring Health</b> <i>Independence FGH</i> <i>Moderators: Jacquetta Trasler, MD, PhD - Canada; Judit Castillo, PhD - Spain</i>
8:30 am	Importance of Paternal Health at Conception for Offspring Metabolism <i>Raffaele Teperino, PhD - Germany</i>
9:00 am	The Sperm Methylome and its Potential Impact on the Offspring <i>Timothy Jenkins, PhD - USA</i>
9:30 am	Oral Abstract #3: Capture of Environmental Sensors Present in the Human Sperm DNA Methylome of Obese Men <i>Mathieu Schulz, PhD - Canada</i>
9:45 am	Oral Abstract #4: Determining the Impact of Paternal Pre-conception CBD Exposure on Reproductive Outcomes <i>Shaden Salimi, MS - Canada</i>





## AGENDA

Program Chairs: *Csilla Krausz, MD, PhD and Jacques Tremblay, PhD*

All sessions will be located in Independence West unless otherwise noted.

### SUNDAY, MARCH 30, 2025 (continued)

8:30 am – 10:00 am	<b>SYMPOSIUM 3: Genetics of Male Infertility: Going Beyond Etiology Diagnosis</b> <i>Lafayette/Farragut</i> Moderators: <i>Donald Conrad, PhD - USA Csilla Krausz, MD, PhD - Italy</i>
8:30 am	TESE Prediction Based on Genetic Tests: How Far Are We? <i>Antoni Riera Escamilla, PhD - USA/Spain</i>
9:00 am	Mutation Load in Infertile Men: A Link Between Reproductive and Somatic Health <i>Ki Aston, PhD, HCLD - USA</i>
9:30 am	Oral Abstract #5: Toxicogenomic Analysis Identifies Heavy Metal Susceptibility Factors in Hypospermatogenesis Patients <i>Nisha Sharma, PhD - India</i>
9:45 am	Oral Abstract #6: Sperm DNA Methylation Outlier Burden Is Associated with Pregnancy Outcomes in the General Population <i>Karolina Nowak, MS, PhD - USA</i>
10:00 am – 10:30 am	<b>BREAK</b> <i>Independence Foyer</i>
10:30 am – 11:00 am	<b>PLENARY LECTURE 1: Unlocking PDE5 Inhibitors' Secrets: Two Decades of Clinical Trials and Preclinical Breakthroughs</b> Introducer: <i>Peter Liu, MBBS, PhD - USA</i> Speaker: <i>Andrea Isidori, MD, PhD - Italy</i>
11:00 am – 11:30 am	<b>PLENARY LECTURE 2: Environmental Factors in Adverse Trends in Male Reproductive Health</b> Introducer: <i>Jacquetta Trasler, MD, PhD - Canada</i> Speaker: <i>Anna-Maria Andersson, MSc, PhD - Denmark</i>
11:30 am – 12:00 pm	<b>WOMEN IN ANDROLOGY LECTURE: Sperm Chromatin: A Blueprint of Development</b> Supported by the Women in Andrology Endowment Fund Introducer: <i>WIA Chair, Maria Agustina Battistone, PhD - USA</i> Speaker: <i>Sue Hammoud, PhD - USA</i>
12:00 pm – 1:30 pm	<b>WOMEN IN ANDROLOGY LUNCHEON</b> (ticketed event) Sponsored by the Women in Andrology Committee *Not CME Accredited <b>Declaration AB</b> Hosts: <i>Maria Agustina Battistone, PhD - USA, Klementina Fon Tacer, DVM, PhD - USA, Gail Prins, PhD - USA, Susan Rothmann, PhD, HCLD - USA, Donna Vogel, PhD - USA</i>
12:00 pm – 1:30 pm	<b>Intersociety Roundtable: Family Building – A Science and Policy Tango</b> Sponsored by ISA and IFFS <b>Independence FGHI</b> Moderators: <i>Peter Y. Liu, MBBS, PhD (ISA President), Edgar Mocanu, MD (IFFS President), John Amory, MD (ASA President)</i> 12:00 pm Introduction <i>Peter Y. Liu, MBBS, PhD</i> 12:05 pm Challenges of Male Infertility and Contraception <i>Giovanni Corona, MD, PhD - ISA</i> 12:30 pm Challenges of Female Infertility and Contraception <i>Luca Gianaroli, MD - IFFS</i> 12:55 pm Conclusion and Initiatives Moving Forward. More Joy Campaign <i>Edgar Mocanu, MD - IFFS</i> 1:05 pm Round Table Point of View of National and International Societies and Partners
12:00 pm – 1:30 pm	<b>LUNCH ON YOUR OWN</b>



## AGENDA

Program Chairs: *Csilla Krausz, MD, PhD and Jacques Tremblay, PhD*

All sessions will be located in Independence West unless otherwise noted.

### SUNDAY, MARCH 30, 2025 (continued)

1:30 pm – 3:00 pm	Poster Session I *Not CME Accredited Independence East
3:00 pm – 4:30 pm	<b>SYMPOSIUM 4: Male Sex Differentiation and DSD: From Basic Science to Clinical Practice</b> Independence West Moderators: <i>Andrew Sinclair, PhD - Australia Yuichi Shima, MD, PhD - Japan</i>
3:00 pm	Clinical Management of Persons with a Difference of Sex Development <i>Eric Vilain, MD, PhD - USA</i>
3:30 pm	The Battle of Sexes: Studying the Gene Regulatory Networks of Mammalian Sex Determination and Relation to DSD <i>Nitzan Gonen, PhD - Israel</i>
4:00 pm	Oral Abstract #7: Single-Cell RNA Sequencing of Mouse Penile Cells Reveals Role of KCTD13 in Penile Development <i>Anukriti Singh, MS, PhD - USA</i>
4:15 pm	Oral Abstract #8: Surgical Sperm Retrieval in Patients with Klinefelter Syndrome (47, XXY) May be Safely Delayed Until Adulthood <i>Leila Bushweller - USA</i>
3:00 pm – 4:30 pm	<b>SYMPOSIUM 5: ASA / NYRA-Trainee Directed Symposium</b> Independence FGHI Moderators: <i>Karine de Mattos, PhD - USA Daniel Marcu, PhD – United Kingdom</i>
3:00 pm	Male Reproductive Toxicity: Effects of Environmental Pollutants and the Role of Intestinal Microbiota <i>Juliana Perobelli, PhD - Brazil</i>
3:30 pm	Exploring Geographic Variations in Semen Quality Using Spatial Dependence Analysis <i>Rita Rahban, PhD - Switzerland</i>
4:00 pm	Oral Abstract #9: Acetaminophen and Genistein Lead to Differential Expression of Genes and Proteins Involved in Rodent Immature Sertoli Cell Function <i>Nicole Mohajer, MS - USA</i>
4:15 pm	Oral Abstract #10: A Survey on Measurement and Reporting of Total Testosterone, Sex Hormone-Binding Globulin and Free Testosterone in Clinical Laboratories in Europe <i>Nick Narinx, MD - Belgium</i>
3:00 pm – 4:30 pm	<b>SYMPOSIUM 6: Standardization Protocols in Andrology: Imaging and Androgen Measurements</b> Lafayette/Farragut Moderators: <i>Dimitrios Goulis, MD, PhD - Greece Andrea Sansone, MD, PhD - Italy</i>
3:00 pm	Male Genital Tract Ultrasound Reference Ranges: Lessons from the EAA Multicenter Study <i>Francesco Lotti, MD, PhD - Italy</i>
3:30 pm	Measurement, Reporting and Interpretation of Serum Testosterone in Men: Room for Improvement? <i>Dirk Vanderschueren, MD, PhD - Belgium</i>
4:00 pm	Oral Abstract #11: Up Titration Testosterone Increase by BMI for Oral Testosterone Undecanoate <i>Kelli Gross, MD - USA</i>
4:15 pm	Oral Abstract #12: 25 Years of Experience from External Quality Assessment of Basic Semen Examination <i>Lars Björndahl, MD, PhD - Sweden</i>
4:30 pm – 5:00 pm	<b>BREAK</b> Independence Foyer



# ASA & ICA 2025 | Washington, D.C. | March 29-April 1

Five Decades of Inspiring Discoveries for Men's Health  
Expanding Andrology Horizons from Gonadal Function to Reproductive, General and Global Health

## AGENDA

Program Chairs: *Csilla Krausz, MD, PhD and Jacques Tremblay, PhD*

All sessions will be located in Independence West unless otherwise noted.

### SUNDAY, MARCH 30, 2025 (continued)

5:00 pm – 6:00 pm	<b>ASA PAST-PRESIDENTS LECTURE: Functional Study of Testis-specific Genes In Vivo and In Vitro Using Genome Editing Approach</b> <i>Supported by the ASA Past-Presidents Endowment Fund</i> <i>Introducer: Kate Loveland, PhD - Australia Speaker: Masahito Ikawa, PhD - Japan</i>
6:00 pm – 6:45 pm	<b>RICHARD D. AMELAR LECTURE: ASA Through the Years: Challenges and Opportunities</b> <i>Supported by the Richard D. Amelar Endowment Fund</i> <i>Introducer: Ronald Swerdloff, MD - USA Speaker: Donna Vogel, PhD - USA</i>
6:45 pm – 7:30 pm	<b>DEBATE: PreAdjunctive Therapy to Improve Sperm Retrieval Rates in NOA - Pros and Cons</b> <i>Moderator: Giovanni Corona, MD, PhD - Italy</i> Pro: PreAdjunctive Therapy Improves Sperm Retrieval Rates in NOA <i>Paul Turek, MD - USA</i> Con: The Evidence Does Not Support Pre-Adjunctive Therapy Before Sperm Retrieval in NOA <i>Peter Schlegel, MD - USA</i>
7:30 pm – 9:00 pm	<b>Trainee Mixer</b> <i>Sponsored by Program Committee &amp; Trainee Affairs Committee</i> <b>Declaration AB</b>
9:00 pm – 10:00 pm	<b>ASA President's Reception/ISA Reception</b> <i>(Invitation only)</i>

### MONDAY, MARCH 31, 2025

7:30 am – 7:30 pm	<b>Registration/Information Desk Open</b> <i>Independence Foyer</i>
7:30 am – 3:30 pm	<b>Exhibits Open</b> <i>Independence Foyer</i>
7:30 am – 8:30 am	<b>MENTORING BREAKFAST</b> <i>(ticketed event)</i> <b>Wilson/Roosevelt (Level 3B)</b> <i>Sponsored by the Diversity Committee</i> <i>*Not CME Accredited</i>
8:30 am – 10:00 am	<b>SYMPOSIUM 7: In Vitro Spermatogenesis &amp; Fertility Preservation</b> <i>Independence West</i> <i>Moderators: Kyle Orwig, PhD – USA Stephan Schlatt, PhD - Germany</i>
8:30 am	Application Potential of Spermatogonial Transplantation <i>Makoto Nagano, PhD, DVM - Canada</i>
9:00 am	Fertility Preservation from Birth to Adulthood <i>Rod Mitchell, MD, PhD, MRCPCH – United Kingdom</i>
9:30 am	Oral Abstract #13: Purging of Cancer Cells from Propagated Spermatogonial Stem Cells Prior to Auto Transplantation to Restore Fertility <i>Kimberly Waggener, MD - USA</i>
9:45 am	Oral Abstract #14: Revisiting the Roles of Adark and Apale Spermatogonia in Postnatal Testicular Development of Monkey and Human <i>Andre Caldeira-Brant, PhD - Brazil</i>
8:30 am – 10:00 am	<b>SYMPOSIUM 8: Sexual Medicine and Surgical Andrology: Advances in Clinical Practice</b> <i>Independence FGHI</i> <i>Moderators: Andrea Salonia, MD - Italy; Akira Tsujimura, MD, PhD – Japan; Wayne Hellstrom, MD - USA</i>
8:30 am	Sexual Dysfunction and Infertility <i>Helen Bernie, DO - USA</i>
9:00 am	Ejaculatory Disorders: An Overview <i>Ege Can Serefoglu, MD, PhD - Turkey</i>
9:30 am	Oral Abstract #15: Indication and Timing of Varicocele Repair During Adolescents <i>Koji Shiraishi, MD, PhD - Japan</i>
9:45 am	Oral Abstract #16: Prediction of Sperm Retrieval in Non-Obstructive Azoospermia Using Shear Wave Elastography, and an Artificial Intelligence-Based Software: a Prospective Clinical Study <i>Anett Szabó, MD - Hungary</i>



X f @AndrologyASA

#asa\_ica25conf

andrologysociety.org





## AGENDA

Program Chairs: *Csilla Krausz, MD, PhD and Jacques Tremblay, PhD*

All sessions will be located in Independence West unless otherwise noted.

### MONDAY, MARCH 31, 2025 (continued)

8:30 am – 10:00 am	<b>SYMPOSIUM 9: Best Abstracts</b> <i>Lafayette/Farragut</i> <i>Moderators: Jacques Tremblay, PhD - Canada; Francesco Lotti, MD, PhD - Italy</i>
8:30 am	Oral Abstract #17: Sperm Switch from Cytoplasmic to Mitochondrial Translation During Epididymal Maturation in Mice <i>Zhuqing Wang, MS, PhD - USA</i>
8:45 am	Oral Abstract #18: Transplantation of Immature Pig Testis Tissue to Immunodeficient Rats <i>Jens Fedder, MD, MS, PhD - Denmark</i>
9:00 am	Oral Abstract #19: Whole Testes Cryopreservation for Future Auto-Transplantation: Comparison of Different Cryopreservation Methods <i>Chenchu Nagarakanti, MD - USA</i>
9:15 am	Oral Abstract #20: Immune Cell and Signaling Pathway Heterogeneity in Testicular Germ Cell Tumours Mapped Using Spatial Transcriptomics <i>Kate Loveland, PhD - Australia</i>
9:30 am	Oral Abstract #21: GATA4 and GATA6 both Contribute to Leydig Cell Development in the Mouse <i>Léa Lafranchise - Canada</i>
9:45 am	Oral Abstract #22: Single-cell Multiomic Analysis Reveals Somatic Cell Feedback Signaling Triggered by Germ Cell Loss <i>Eoin Whelan, PhD - USA</i>
10:00 am – 10:30 am	<b>BREAK</b> <i>Independence Foyer</i>
10:30 am – 11:30 pm	<b>Round Table: ICSI - A Genetic Timebomb Revisited 2025</b> <i>Panelists: Csilla Krausz, MD, PhD - Italy; Dorrie Lamb, PhD - USA; Mark Sigman, MD - USA</i>
11:30 am – 12:00 pm	<b>ANDROLOGY AWARDS</b> <i>Moderators: Wei Yan, MD, PhD – USA; Aleksander Giwercman, PhD - Sweden</i>
11:30 am	Best Original Research Article Award Announcement
11:35 am	Presentation by the Best Original Research Awardee: The Human Sperm Proteome-Toward a Panel for Male Fertility Testing <i>Hermann Behre, MD - Germany</i>
11:45 am	Best Review Article Award Announcement
11:50 am	Presentation by the Best Review Article Awardee: Does an Increase in Adipose Tissue 'Weight' Affect Male Fertility? A Systematic Review and Meta-analysis Based on Semen Analysis Performed Using the WHO 2010 Criteria <i>Giovanni Corona, MD, PhD - Italy</i>
12:00 pm – 1:30 pm	<b>Industry Sponsored Product Theater</b> <i>Independence FGHI</i>
12:00 pm – 1:30 pm	<b>LUNCH ON YOUR OWN</b>
1:30 pm – 3:00 pm	<b>Poster Session II</b> <i>*Not CME Accredited Independence East</i>
3:00 pm – 4:30 pm	<b>SYMPOSIUM 10: Basic and Clinical Aspects of Leydig Cell Biology Across the Lifespan</b> <i>Independence West</i> <i>Moderators: Jacques Tremblay, PhD - Canada; Jolanta Slowikowska-Hilczer, MD, PhD - Poland</i>
3:00 pm	One Cell at a Time: Unlocking Fetal Testis Steroidogenesis <i>Joan Jorgensen, DVM, PhD - USA</i>
3:30 pm	Usefulness of Leydig Cell Biomarkers in the Clinic <i>Jorma Toppari, MD, PhD Finland</i>
4:00 pm	Oral Abstract #23: TMSB10 Triggers Fetal Leydig Cell Differentiation via Regulating Ciliogenesis by Suppressing the RAS/ERK Pathway <i>Miki Inoue, PhD - Japan</i>
4:15 pm	Oral Abstract #24: Toward Defining Branched Chain Amino Acids as Regulators of Leydig Cell Testosterone Production <i>Yeva Shamailova, MS - USA</i>



## AGENDA

Program Chairs: *Csilla Krausz, MD, PhD and Jacques Tremblay, PhD*

All sessions will be located in Independence West unless otherwise noted.

### MONDAY, MARCH 31, 2025 (continued)

3:00 pm – 4:30 pm	<b>SYMPOSIUM 11: Onco-andrology: Novel Insights into Basic and Clinical Aspects of Testis and Prostate Cancer</b> <i>Independence FGHI</i> <i>Moderators: Wayne Hellstrom, MD - USA Daniel Moreno Mendoza, PhD - Spain</i>
3:00 pm	Therapeutic Options in Testis Cancer Therapies and Their Late Effects <i>Michal Chovanec, MD, PhD - Slovakia</i>
3:30 pm	Sex-steroid Hormones are Key Modulators of Prostate Cancer Cell Metabolism <i>Etienne Audet-Walsh, PhD - Canada</i>
4:00 pm	Oral Abstract #25: Cellular Cartography Reveals Transcriptional, Epigenetic and Spatial Determinants of Castration Resistance in Murine Prostates and Human Prostate Cancer <i>Sethu Pitchiaya, PhD - USA</i>
4:15 pm	Oral Abstract #26: Evaluation of Familial Cancer Risk Among Testicular Germ Cell Tumor Patients <i>Chiara Abrardo, MS - Spain</i>
3:00 pm – 4:30 pm	<b>SYMPOSIUM 12: Clinical Trials in Male Infertility and Contraception: The Two Sides of the Coin</b> <i>Lafayette/Farragut</i> <i>Moderators: Christina Wang, MD - USA Guillermina Luque, PhD - Argentina</i>
3:00 pm	FSH Treatment in Idiopathic Infertility – Evidence Enough? <i>Hermann Behre, MD - Germany</i>
3:30 pm	Male Contraception: Where Are We and Where Are We Going? <i>Stephanie Page, MD, PhD - USA</i>
4:00 pm	Oral Abstract #27: Functional Characterization of Deleted In Azoospermia (DAZ) Family Proteins for Reproductive Therapeutics and Male Contraceptive Development <i>Eugene Xu, MD - USA</i>
4:15 pm	Oral Abstract #28: No Difference of Sperm DNA Fragmentation Before and After Hormonal Male Contraception: A Preliminary Study <i>Victoria Shepard - USA</i>
4:30 pm – 5:00 pm	<b>BREAK</b> <i>Independence Foyer</i>
5:00 pm – 5:30 pm	<b>PLENARY LECTURE 3: Genetics of Male Infertility: The 21st Century</b> <i>Introducer: Csilla Krausz, MD, PhD - Italy; Speaker: Frank Tüttelmann, MD - Germany</i>
5:30 pm – 6:00 pm	<b>INTERNATIONAL LECTURE: The Genetics of Testis Development, 35 Years on from SRY</b> <i>Supported by the ASA General Endowment Fund</i> <i>Introducer: Patricia Cuasnicu, PhD - Argentina; Speaker: Andrew Sinclair, PhD - Australia</i>
6:00 pm – 6:30 pm	<b>PLENARY LECTURE 4: Polygenic Risk Score in Testis Cancer: Are We Ready for Its Clinical Use</b> <i>Introducer: Jorma Toppari, MD, PhD - Finland; Speaker: Katherine L. Nathanson, MD - USA</i>
6:30 pm – 7:30 pm	<b>ASA Annual Business Meeting</b>
6:30 pm – 7:30 pm	<b>ISA General Assembly</b> <i>Independence FGHI</i>
8:00 pm – 11:00 pm	<b>Annual Banquet</b> (ticketed event) <i>Independence East</i>





## AGENDA

Program Chairs: *Csilla Krausz, MD, PhD and Jacques Tremblay, PhD*

All sessions will be located in Independence West unless otherwise noted.

### TUESDAY, APRIL 1, 2025

7:00 am – 1:00 pm	Registration/Information Desk Open <i>Independence Foyer</i>
7:00 am – 8:00 am	Industry Sponsored Product Theater Breakfast
8:00 am – 8:15 am	<b>Matthew P. Hardy Young Andrologist Award</b> <i>Supported by the Matthew P. Hardy Endowment Fund</i> <i>*Not CME Accredited</i> <i>Introducer: Keith Aston, PhD, HCLD - USA; Recipient: Albert Salas-Huetos, MSc, PhD - USA</i>
8:15 am – 8:30 am	<b>ASA Trainee Merit Award Presentations</b> <i>*Not CME Accredited</i> <i>Presenter: Michael Palladino, PhD</i>
8:30 am – 10:00 am	<b>SYMPOSIUM 13: Immunology of the Male Reproductive System and Its Response to External Threats</b> <i>Independence West</i> <i>Moderators: Andreas Meinhardt, PhD - Germany Mark Hedger, PhD - Australia</i>
8:30 am	Infection of the Human Testis by Emerging Viruses: Innate Immune Responses, Viral Persistence and Impact on Male Reproductive Function <i>Nathalie Dejuq-Rainsford, PhD - France</i>
9:00 am	Recent Developments on Immune Populations in the Testis <i>Sudhanshu Bhushan, PhD - Germany</i>
9:30 am	Oral Abstract #29: Viral Infection and Antiviral Responses in the Murine Epididymis <i>Mark Hedger, PhD - Australia</i>
9:45 am	Oral Abstract #30: It Takes Two to Tango: Macrophage Epithelial Interaction in the Murine Epididymis <i>Andreas Meinhardt, MS, PhD - Germany</i>
8:30 am – 10:00 am	<b>SYMPOSIUM 14: New Perspectives in Andrology</b> <i>Independence FGHI</i> <i>Moderators: Martine Culty, PhD - USA Keisuke Shimada, DVM, PhD - Japan</i>
8:30 am	Impact of the Epididymis on Early Embryo Development <i>Patricia Cuasnicu, PhD - Argentina</i>
9:00 am	Region Specific Cues in the Epididymal Mucosa Shaping Male Fertility <i>Maria Agustina Battistone, PhD - USA</i>
9:30 am	Oral Abstract #31: Third Generation Sequencing Identifies Altered Sperm DNA Methylation Following Long Term DDT Exposures in South African Vhavenda Men <i>Donovan Chan, PhD - Canada</i>
9:45 am	Oral Abstract #32: Second-Generation Sperm Epigenetic Clock Predicts Male Fertility Age and Time-to-Pregnancy in General Population <i>Amanda Paskavitz - USA</i>
8:30 am – 10:00 am	<b>SYMPOSIUM 15: Uro-Andrology</b> <i>Lafayette/Farragut</i> <i>Moderators: Dorrie Lamb, PhD - USA; Wayne Hellstrom, MD - USA</i>
8:30 am	Changing Paradigms in Ectopic Reservoir Placement for Penile Prosthesis <i>Mohit Khera, MD - USA</i>
9:00 am	From Erosion to Optimization: Salvaging and Enhancing Penile Prosthetics <i>Kevin J. Campbell, MD - USA</i>
9:30 am	Oral Abstract #33: The Influence of Gender-Affirming Hormonal Treatment on Experimental Pain Perception in Transgender Women - The Transpain Study <i>Anders Hagelin, MD - Sweden</i>
9:45 am	Oral Abstract #34: Malleable Penile Prosthesis Fractures in a Tertiary Service in Brazil - Lessons Learned in 15 Years <i>Eduardo Pato, MD - Brazil</i>
10:00 am – 10:30 am	<b>BREAK</b> <i>Independence Foyer</i>



# ASA & ICA 2025 | Washington, D.C. | March 29-April 1

Five Decades of Inspiring Discoveries for Men's Health  
Expanding Andrology Horizons from Gonadal Function to Reproductive, General and Global Health

## **AGENDA**

Program Chairs: *Csilla Krausz, MD, PhD and Jacques Tremblay, PhD*

*All sessions will be located in Independence West unless otherwise noted.*

### **TUESDAY, APRIL 1, 2025 (continued)**

10:30 am – 11:00 am	<b>DIVERSITY LECTURE: Understanding Male Reproductive Tract Development Through Chromosomal Imbalances</b> <i>Supported by the ASA Educational Endowment Fund</i> <i>Introducer: Pablo Visconti, PhD - USA; Speaker: Carolina Jorgez, PhD - USA</i>
11:00 am – 11:30 am	<b>PLENARY LECTURE 5: Molecular and Cellular Therapeutic Targets to Manage Leydig Cell Dysfunction</b> <i>Introducer: Jacques Tremblay, PhD - Canada;</i> <i>Speaker: Vassilios Papadopoulos, DPharm, PhD - USA</i>
11:30 am – 12:00 pm	<b>PLENARY LECTURE 6: Building Bridges Between Wild Animal Species and Humans in Male Fertility Preservation</b> <i>Introducer: Wei Yan, MD, PhD - USA;</i> <i>Speaker: Pierre Comizzoli, DVM, PhD - USA</i>
12:00 pm – 1:00 pm	<b>Awards/Closing Ceremonies/51st ASA Meeting 2026 Highlights</b>



X  @AndrologyASA

#asa\_ica25conf

andrologysociety.org

